

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("20010047419").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:24
L2	11	"6510556"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:20
L3	4	"6477180"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:21
L4	2	"20010037402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:20
L5	53	(reservat\$5 near4 (status state\$3)) with (brows\$5 web)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:32
L6	5	5 and @ad<"20000407"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:29
L8	3370	(709/229).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:25
L9	0	(adjust\$3 near5 (bandwidth\$3 and ((transmission\$3 send transfer) adj time))) and (reservat\$5 near4 (resource\$3 media content\$3 multimedia))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:27

EAST Search History

L10	2	(adjust\$3 near5 (bandwidth\$3 and ((transmission\$3 send transfer) adj time))) and (reservat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:27
L11	3	((chang\$4 modif\$5 adjust\$3) near5 (bandwidth\$3 and ((transmission\$3 send transfer) adj time))) and (reservat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:28
L12	0	11 and 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:28
L13	65	((chang\$4 modif\$5 adjust\$3) near5 (bandwidth\$3 and ((transmission\$3 send transfer) adj time)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:28
L14	0	12 and 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:28
L15	15	13 and @ad<"20000407"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:32
L16	1	709/219 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:34
L17	0	709/232 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:33

EAST Search History

L18	0	725/93 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:33
L19	1	709/219 and 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:34
L20	0	725/93 and 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:33
L21	4	709/232 and 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:33
L22	3	709/229 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:34
L23	2	709/229 and 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:34

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	3	"7054949"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:49

Google

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

[Advanced Search](#)
[Preferences](#)

Web

Results 1 - 9 of 9 for "**bandwidth**" "**reservation state**" "**delivery method**". (0.32 seconds)

Tip: Try removing quotes from your search to get more results.

RSVP provides quality of service

This **delivery method** does not address the requirements of multimedia applications ... and maintain a **reservation state** to provide the requested service. ...

www.networkworld.com/news/tech/2002/0617tech.html - 35k - [Cached](#) - [Similar pages](#)

RSVP (Resource Reservation Protocol)

This **delivery method** does not address the requirements of multimedia ... QoS (such as guaranteed **bandwidth**) from the network for specific data flows. ...

www.networkworld.com/details/535.html - 44k - Supplemental Result -

[Cached](#) - [Similar pages](#)

[[More results from www.networkworld.com](#)]

[PS] Staged Refresh Timers for RSVP

File Format: Adobe PostScript - [View as Text](#)

existing RSVP message **delivery method** may not be acceptable. ... tra time that is spent on **reservation state** time-out. The default ...

www.cs.columbia.edu/~hgs/papers/Pan9711_Staged.ps.gz - [Similar pages](#)

[PS] 1 Introduction

File Format: Adobe PostScript - [View as Text](#)

Thus, the existing RSVP message **delivery method** may not be acceptable. ... cause extra **bandwidth** and processing overhead because of the increase number of ...

www.cs.columbia.edu/~hgs/papers/Pan9711_Staged.ps - Supplemental Result -

[Similar pages](#)

[PS] Multicast Flow Aggregation in IP Tunnels with Resource Reservation

File Format: Adobe PostScript - [View as Text](#)

delivery method of RSVP messages may not be acceptable. for certain applications. ... the router creates the **reservation state**, encapsulates and ...

www.gta.ufrj.br/ftp/gta/TechReports/ViDu02a.ps.gz - [Similar pages](#)

[PDF] Page 1 Benchmarking and Profiling the RSVP Protocol Ying Zhao and ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

significant **bandwidth** with minimal delay, jitter and packet ... maintains a **reservation state** by periodically sending control ...

ce.et.tudelft.nl/publicationfiles/1037_0_zhao.pdf - [Similar pages](#)

[PDF] Information Technology Support Center

File Format: PDF/Adobe Acrobat - [View as HTML](#)

VoIP Over Frame Relay - Estimated **Bandwidth** Requirements..... 10 ...

Under the soft state method, the initial **reservation state** is ...

www.itsc.state.md.us/PDF/C2-1_VOIP.pdf - [Similar pages](#)

System and method for streaming media - US Patent 7054949

Mediate server and real time **delivery method** between different networks ... The system of the present invention uses a **reservation state** model ("state ...

www.patentstorm.us/patents/7054949-description.html - 126k - [Cached](#) - [Similar pages](#)

ID Index ID Index Automated Process A. Process January 6 2007 Holy ...

Such an ECRTTP over MPLS capability can increase the **bandwidth** efficiency as well as processing scalability of the maximum number of simultaneous compressed ...

www.rtg.ietf.org/~fenner/ietf/xml/bibxml3/index.xml - 250k - Supplemental Result -

[http://www.google.com/search?hl=en&q="+%22bandwidth%22+%22reservation+state%22...](http://www.google.com/search?hl=en&q=) 3/30/07

[Cached](#) - [Similar pages](#)

In order to show you the most relevant results, we have omitted some entries very similar to the 9 already displayed.

If you like, you can repeat the search with the omitted results included.

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2007 Google



USPTO

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

+ "delivery" + "bandwidth" + "reservation state"

SEARCH




[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Published before April 2000

Found 14 of 110,971

Terms used **delivery** **bandwidth** **reservation** **state**

Sort results
by

relevance 

 Save results to a Binder

Try an Advanced Search

Try this search in The ACM Guide

Display results

expanded form



Search Tips

☐ Open results in a new window


Results 1 - 14 of 14

Relevance scale ☐ ☐ ☒ ☐ ☐¹ A scalable front-end architecture for fast instruction delivery

Glenn Reinman, Todd Austin, Brad Calder

May 1999 **ACM SIGARCH Computer Architecture News**, Proceedings of the 26th annual international symposium on Computer architecture ISCA '99, Volume 27 Issue 2

Publisher: IEEE Computer Society, ACM Press

Full text available:  pdf (176.40 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In the pursuit of instruction-level parallelism, significant demands are placed on a processor's instruction delivery mechanism. Delivering the performance necessary to meet future processor execution targets requires that the performance of the instruction delivery mechanism scale with the execution core. Attaining these targets is a challenging task due to I-cache misses, branch mispredictions, and taken branches in the instruction stream. To further complicate matters, a VLSI interconnect sca ...

² Papers: YESSIR: a simple reservation mechanism for the Internet



Ping Pan, Henning Schulzrinne

April 1999 **ACM SIGCOMM Computer Communication Review**, Volume 29 Issue 2

Publisher: ACM Press

Full text available: pdf(1.23 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

RSVP has been designed to support resource reservation in the Internet. However, it has two major problems: complexity and scalability. The former results in large message processing overhead at end systems and routers, and inefficient firewall processing at the edge of the network. The latter implies that in a backbone environment, the amount of bandwidth consumed by refresh messages and the storage space that is needed to support a large number of flows at a router are too large. We have devel ...

3 Test results of the commercial internet multimedia trials



Mark Baugher, Saib Jarrar

January 1998 **ACM SIGCOMM Computer Communication Review**, Volume 28 Issue 1

Publisher: ACM Press

Full text available: pdf(958.81 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

This paper reports the test results of applications and services from the Commercial Internet Multimedia Trials. The Trials were a twelve-month effort by three companies to evaluate the product readiness of multimedia applications and services in business environments by supporting multimedia services on production IP networks. The test beds were enabled for IP multicast routing; one of the test beds was enabled for RSVP. The results of our RSVP tests and user surveys are reported, and some of i ...

4 Integrated services packet networks with mobile hosts: architecture and performance

Anup Kumar Talukdar, B. R. Badrinath, Arup Acharya

March 1999 **Wireless Networks**, Volume 5 Issue 2

Publisher: Kluwer Academic Publishers

Full text available:  [pdf\(247.85 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper considers the support of real-time services to mobile users in an Integrated Services Packet Network. In the currently existing architectures, the service guarantees provided to the mobile hosts are mobility dependent, i.e., mobile hosts experience wide variation in the quality of service and often service disruption when hosts move from one location to another. The network performance degrades significantly when mobile hosts are provided with mobility independent service guarant ...

5 Dynamic reservation multiple access (DRMA): a new multiple access scheme for personal communication systems (PCS)

Xiaoxin Qiu, Victor O. K. Li

June 1996 **Wireless Networks**, Volume 2 Issue 2

Publisher: Kluwer Academic Publishers

Full text available:  [pdf\(1.04 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

To improve the spectrum efficiency of integrated voice and data services in Personal Communication System (PCS), several reservation-type multiple access schemes, such as Packet Reservation Multiple Access (PRMA), Dynamic Time Division Multiple Access (D-TDMA), Resource Auction Multiple Access (RAMA), etc., have been proposed. PRMA uses the data packet itself to make a channel reservation, and is inefficient in that each unsuccessful reservation wastes one slot. However, it does not have a ...

6 Report on the 5th IFIP international workshop on quality of service (IWQOS'97)



Oguz Angin, Andrew T. Campbell, Lai-Tee Cheok, Raymond R-F Liao, Koon-Seng Lim, Klara Nahrstedt

July 1997 **ACM SIGCOMM Computer Communication Review**, Volume 27 Issue 3

Publisher: ACM Press

Full text available:  [pdf\(1.86 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

This paper presents a summary of the fifth International Workshop on Quality of Service (IWQOS) which was held at Columbia University in May 1997. The goal of this three-day meeting was to foster interaction between researchers active in the area of Quality of Service(QOS) research, to reflect on past experiences and lessons learnt, and to discuss future QOS challenges. To reflect this goal, this year's workshop included a hot program made up of (i) a keynote address on "Programming Telecommunic ...

7 Fetch directed instruction prefetching

Glenn Reinman, Brad Calder, Todd Austin

November 1999 **Proceedings of the 32nd annual ACM/IEEE international symposium on Microarchitecture MICRO 32**

Publisher: IEEE Computer Society

Full text available:  [pdf\(1.37 MB\)](#)  Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)
[Publisher Site](#)

Instruction supply is a crucial component of processor performance. Instruction prefetching has been proposed as a mechanism to help reduce instruction cache misses, which in turn can help increase instruction supply to the processor. In this paper we examine a new instruction prefetch architecture called Fetch Directed Prefetching, and compare it to the performance of next-line prefetching and streaming buffers. This architecture uses a decoupled b ...

8 Improving the accuracy and performance of memory communication through

renaming

Gary S. Tyson, Todd M. Austin

December 1997 **Proceedings of the 30th annual ACM/IEEE international symposium on Microarchitecture MICRO 30**

Publisher: IEEE Computer Society

Full text available:  [pdf\(1.29 MB\)](#)  Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)
Publisher Site

As processors continue to exploit more instruction-level parallelism, a greater demand is placed on reducing the effects of memory access latency. In this paper, we introduce a novel modification of the processor pipeline called memory renaming. Memory renaming applies register access techniques to load instructions, reducing the effect of delays caused by the need to calculate effective addresses for the load and all preceding stores before the data can be fetched. Memory renaming allows the pr ...


Keywords: accuracy, address calculation, data dependence speculation, data fetching, data value speculation, delays, execution time, heap segment, instruction loading, instruction-level parallelism, memory access latency, memory communication, memory references, memory renaming, memory segments, performance, processor pipeline, register access techniques, storage allocation, stores

9 Two issues in reservation establishment

Scott Shenker, Lee Breslau

October 1995 **ACM SIGCOMM Computer Communication Review , Proceedings of the conference on Applications, technologies, architectures, and protocols for computer communication SIGCOMM '95**, Volume 25 Issue 4

Publisher: ACM Press

Full text available:  [pdf\(1.88 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper addresses two issues related to resource reservation establishment in packet switched networks offering real-time services. The first issue arises out of the natural tension between the local nature of reservations (i.e., they control the service provided on a particular link) and the end-to-end nature of application service requirements. How do reservation establishment protocols enable applications to receive their desired end-to-end service? We review the current one-pass and two-p ...

10 A multiple access scheme for multimedia traffic in wireless ATM

Xiaoxin Qiu, Victor O. K. Li, Ji-Her Ju

December 1996 **Mobile Networks and Applications**, Volume 1 Issue 3

Publisher: Kluwer Academic Publishers

Full text available:  [pdf\(514.21 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper proposes a multiple access scheme for the forthcoming wireless ATM (Asynchronous Transfer Mode) system. Such ATM compatible wireless systems are motivated by the rapidly increasing demand for wireless extensions to broadband networks, which are expected to support mixed broadband services including Constant Bit Rate (CBR), Variable Bit Rate (VBR), and Available Bit Rate (ABR) traffic. Since these different traffics have very different performance requirements, the multiple access ...

11 Providing guaranteed services without per flow management

Ion Stoica, Hui Zhang

August 1999 **ACM SIGCOMM Computer Communication Review , Proceedings of the conference on Applications, technologies, architectures, and protocols for computer communication SIGCOMM '99**, Volume 29 Issue 4

Publisher: ACM Press

Full text available:  [pdf\(1.72 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Existing approaches for providing guaranteed services require routers to manage per flow states and perform per flow operations [9, 21]. Such a *stateful* network architecture is less scalable and robust than *stateless* network architectures like the original IP and the recently proposed Diffserv [3]. However, services provided with current *stateless* solutions, Diffserv included, have lower flexibility, utilization, and/or assurance level as compared to the services that can be ...

12 Putting the fill unit to work: dynamic optimizations for trace cache microprocessors

Daniel Holmes Friendly, Sanjay Jeram Patel, Yale N. Patt

November 1998 **Proceedings of the 31st annual ACM/IEEE international symposium on Microarchitecture MICRO 31**

Publisher: IEEE Computer Society Press

Full text available:  [pdf\(1.90 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



13 Design and performance evaluation of an RRA scheme for voice-data channel access in outdoor microcellular environments

Allan C. Cleary, Michael Paterakis

June 1997 **Mobile Networks and Applications**, Volume 2 Issue 1

Publisher: Kluwer Academic Publishers

Full text available:  [pdf\(398.19 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



In PCS networks, the multiple access problem is characterized by spatially dispersed mobile source terminals sharing a radio channel connected to a fixed base station. In this paper, we design and evaluate a reservation random access (RRA) scheme that multiplexes voice traffic at the talkspurt level to efficiently integrate voice and data traffic in outdoor microcellular environments. The scheme involves partitioning the time frame into two request intervals (voice and data) and an informat ...

14 A distributed computer system for professional audio



D. Anderson, R. Doris, J. Moorer

October 1994 **Proceedings of the second ACM international conference on Multimedia MULTIMEDIA '94**

Publisher: ACM Press

Full text available:  [pdf\(599.89 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



In professional audio, the transition from analog to digital technology is nearly complete. The more recent shift towards systems based on general-purpose computers has been gradual, because such computers lack the processing and I/O performance needed for professional audio applications. The SonicSystem, a professional digital audio system, solves these problems using DSPs and a specialized file system. We describe the uses and implementation of the SonicSystem. A distributed ver. ...

Results 1 - 14 of 14

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2007 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



USPTO

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

```
+ "delivery method" + "bandwidth"
```

SEARCH



[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Published before April 2000

Terms used delivery method bandwidth

Found 10 of 110,971

Sort results
by

relevance

 Save results to a Binder

Try an Advanced Search

Try this search in The ACM Guide

Display results

expanded form






Search Tips

☐ Open results in a new window




Results 1 - 10 of 10



Relevance scale ☐ ☐ ☒ ☐ ☐

- 1 Performance evaluation of a wireless hierarchical data dissemination system
 Qinglong Hu, Dik Lun Lee, Wang-Chien Lee
 August 1999 **Proceedings of the 5th annual ACM/IEEE international conference on
 Mobile computing and networking MobiCom '99**
Publisher: ACM Press
 Full text available:  pdf(1.21 MB) Additional Information: full citation, references, citings, index terms

- 2 Architecture, design, and implementation of a multimedia conference system**
Anna A. Hać, Dongchen A. Lu
March 1997 **International Journal of Network Management**, Volume 7 Issue 2
Publisher: John Wiley & Sons, Inc.
Full text available:  pdf(517.69 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this article a new multimedia conference system is designed and implemented which allows a group of users to conduct a meeting in real time. Participants can jointly view and edit relevant multimedia information, including text, graphics, and still images distributed throughout the network. © 1997 John Wiley & Sons, Ltd.

- 3 Business: The 8th Layer: Will ISPs be stuck with the bill?
 Kate Gerwig
 March 1999 **netWorker**, Volume 3 Issue 1
Publisher: ACM Press
 Full text available:  pdf(353.28 KB)  html(18.13 KB) Additional Information: [full citation](#), [index terms](#)

- 4 Internet mobility 4x4
 Stuart Cheshire, Mary Baker
 August 1996 **ACM SIGCOMM Computer Communication Review , Conference
 proceedings on Applications, technologies, architectures, and protocols
 for computer communications SIGCOMM '96**, Volume 26 Issue 4
Publisher: ACM Press
 Full text available:  pdf(208.28 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citings](#), [index terms](#)

Mobile IP protocols allow mobile hosts to send and receive packets addressed with their home network IP address, regardless of the IP address of their current point of attachment in the Internet. While some recent work in Mobile IP focuses on a couple of

specific routing optimizations for sending packets to and from mobile hosts [Joh96] [Mon96], we show that a variety of different optimizations are appropriate in different circumstances. The best choice, which may vary on a connection-by-connection basis ...


5 Flexible network support for mobility

 Xinhua Zhao, Claude Castelluccia, Mary Baker
October 1998 **Proceedings of the 4th annual ACM/IEEE international conference on Mobile computing and networking MobiCom '98**

Publisher: ACM Press

Full text available:  pdf(1.44 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

6 Level II technical support in a distributed computing environment

 Tim Leehane
September 1996 **Proceedings of the 24th annual ACM SIGUCCS conference on User services SIGUCCS '96**

Publisher: ACM Press

Full text available:  pdf(5.73 MB) Additional Information: [full citation](#), [references](#), [index terms](#)

7 Some issues in providing campus-wide electronic mail

 R. C. Lehman
October 1989 **Proceedings of the 17th annual ACM SIGUCCS conference on User Services SIGUCCS '89**

Publisher: ACM Press

Full text available:  pdf(766.85 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

8 Xanalogical structure, needed now more than ever: parallel documents, deep links to content, deep versioning, and deep re-use

 Theodor Holm Nelson
December 1999 **ACM Computing Surveys (CSUR)**

Publisher: ACM Press

Full text available:  pdf(787.72 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

9 E-commerce and computer science education


 Yuzhen Ge, Jiangeng Sun
March 2000 **ACM SIGCSE Bulletin , Proceedings of the thirty-first SIGCSE technical symposium on Computer science education SIGCSE '00**, Volume 32 Issue 1

Publisher: ACM Press

Full text available:  pdf(492.33 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Electronic commerce is gradually changing the way the commerce is conducted. Computer science graduates will need to be prepared for the challenge posed by the increasing demand for professionals who can develop and maintain electronic commerce systems. By examining the standard computer science curriculum, some suggestions are proposed.

10 Is it live or is it Memorex?

 Tory Sawyer, Randy Anderson, Gary McCuaig
September 1986 **Proceedings of the 14th annual ACM SIGUCCS conference on User services: setting the direction SIGUCCS '86**





Publisher: ACM Press

Full text available:  pdf(2.60 MB) Additional Information: [full citation](#), [index terms](#)

Results 1 - 10 of 10

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2007 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)

Google

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

[Advanced Search](#)
[Preferences](#)

Web

Results 1 - 3 of 3 for **"browse" "reservation state" "delivery method"**. (0.30 seconds)

Tip: Try removing quotes from your search to get more results.

[RSVP provides quality of service | Technology > Computer ...](#)

This **delivery method** does not address the requirements of multimedia applications ... and maintain a **reservation state** to provide the requested service. ...

www.allbusiness.com/technology/computer-networking/1082518-1.html - 56k -

[Cached](#) - [Similar pages](#)

[System and method for streaming media - US Patent 7054949](#)

Mediate server and real time **delivery method** between different networks ... The system of the present invention uses a **reservation state** model ("state ...

www.patentstorm.us/patents/7054949-description.html - 126k - [Cached](#) - [Similar pages](#)

[System and method for streaming media - US Patent 7054949](#)

Mediate server and real time **delivery method** between different networks ... claim 1 wherein the media switch records states for a **reservation state** model, ...

www.patentstorm.us/patents/7054949-claims.html - 51k - Supplemental Result -

[Cached](#) - [Similar pages](#)

Download [Google Pack](#): free essential software for your PC

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2007 Google

Google

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

[Advanced Search](#)
[Preferences](#)

Web

Results 1 - 3 of 3 for **"browse" "reservation state" "delivery method"**. (0.30 seconds)

Tip: Try removing quotes from your search to get more results.

[RSVP provides quality of service | Technology > Computer ...](#)

This **delivery method** does not address the requirements of multimedia applications ... and maintain a **reservation state** to provide the requested service. ...

[www.allbusiness.com/technology/computer-networking/1082518-1.html](#) - 56k -

[Cached](#) - [Similar pages](#)

[System and method for streaming media - US Patent 7054949](#)

Mediate server and real time **delivery method** between different networks ... The system of the present invention uses a **reservation state** model ("state ...

[www.patentstorm.us/patents/7054949-description.html](#) - 126k - [Cached](#) - [Similar pages](#)

[System and method for streaming media - US Patent 7054949](#)

Mediate server and real time **delivery method** between different networks ... claim 1 wherein the media switch records states for a **reservation state** model, ...

[www.patentstorm.us/patents/7054949-claims.html](#) - 51k - Supplemental Result -

[Cached](#) - [Similar pages](#)

Download [Google Pack](#): free essential software for your PC

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2007 Google